



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Examiner: Daniel Miller

Applicants: Nguyen et al.

Application No.: 10/553,342

For: ALUMINIUM-WETTABLE CARBON-BASED BODY

Certificate of Mailing

I certify that this correspondence is being deposited with the United States Postal Service as First Class Mail under 37 C.F.R. 1.8 and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 10, 2007.


Jayadeep R. Deshmukh

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT and RESPONSE TO RESTRICTION REQUIREMENT

Dear Sir:

Applicants respectfully request that the following amendments be entered:

In the claims:

1. (amended) A carbon body produced by the method of claim 16 having an aluminium-wettable outer part that is made of a carbon-rich mixture containing metal-based particles and carbon, the metal-based particles being made of metal oxide particles and/or partly oxidised metal particles or a precursor thereof, the metal of the metal-based particles being selected from iron, copper, cobalt, nickel, zinc, [and] manganese and silicon and combinations thereof, the metal oxide particles and/or partly oxidised metal particles being reactable with molten aluminium when exposed thereto to form a mixture of: aluminium oxide; the metal of said metal-based particles; and aluminium, wherein said carbon-rich mixture is made of an impregnation of the metal-based particles in the outer part of the carbon body.